

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Withers, Stephen G.
MacKenzie, Lloyd
Wang, Qingping
- (ii) TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR SYNTHESIS OF OLIGOSACCHARIDES AND THE PRODUCTS FORMED THEREBY
- (iii) NUMBER OF SEQUENCES: 1
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: OPPEDAHN & LARSON
(B) STREET: 1992 Commerce Street Suite 309
(C) CITY: Yorktown Heights
(D) STATE: NY
(E) COUNTRY: US
(F) ZIP: 10598
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: MS DOS 6
(D) SOFTWARE: Word Perfect 6.1
- (vi) CURRENT APPLICATION DATA :
(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER:
(B) FILING DATE:
- (viii) ATTORNEY/AGENT INFORMATION :
(A) NAME: Larson, Marina T.
(B) REGISTRATION NUMBER: 32,038
(C) REFERENCE/DOCKET NUMBER: UBC.P-005-US
- (ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (914)245-3252
(B) TELEFAX: (914) 962-4330
(C) TELEX:

(2) INFORMATION FOR SEQ ID NO: 1:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: other DNA
- (iii) HYPOTHETICAL: no
- (iv) ANTI-SENSE: no
- (v) FRAGMENT TYPE: internal
- (ix) FEATURE:
(A) NAME/KEY:

(B) LOCATION:

(C) IDENTIFICATION METHOD:

(D) OTHER INFORMATION: primer for site directed mutagenesis to produce E358A mutant of Agrobacterium beta-glucosidase

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

TACATCACCG CAAACGGCGC CTGC

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